

Resource Summary Report

Generated by [dkNET](#) on Sep 17, 2026

[Rnf7^{Gt\(XE423\)Byg}/Rnf7^{Gt\(XE423\)Byg}](#)

RRID:MGI:5301657

Type: Organism

Proper Citation

RRID:MGI:5301657

Organism Information

URL:

Proper Citation: RRID:MGI:5301657

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: abnormal vitelline vasculature morphology, abnormal visceral yolk sac blood island morphology, increased embryonic tissue cell apoptosis, abnormal cell differentiation, decreased angiogenesis, decreased cell proliferation, increased spinal cord apoptosis, abnormal cell cycle, pericardial edema, embryonic growth retardation, embryonic lethality during organogenesis, complete penetrance

Affected Gene: Rnf7

Genomic Alteration: Gt(XE423)Byg

Catalog Number: 5301657

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22118770](#)

Organism Name: Rnf7^{Gt(XE423)Byg}/Rnf7^{Gt(XE423)Byg}

Record Creation Time: 20240120T190202+0000

Record Last Update: 20240130T201751+0000

Ratings and Alerts

No rating or validation information has been found for Rnf7^{Gt(XE423)Byg}/Rnf7^{Gt(XE423)Byg}.

No alerts have been found for Rnf7^{Gt(XE423)Byg}/Rnf7^{Gt(XE423)Byg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.